

2013



Eastern Region Annual HIV Epidemiological Profile

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Data reported through December 31, 2014

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2014.

Population data by sex, age, and race are from the July 1, 2013 U.S. Census Estimates and by country-of-birth from the 2012 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

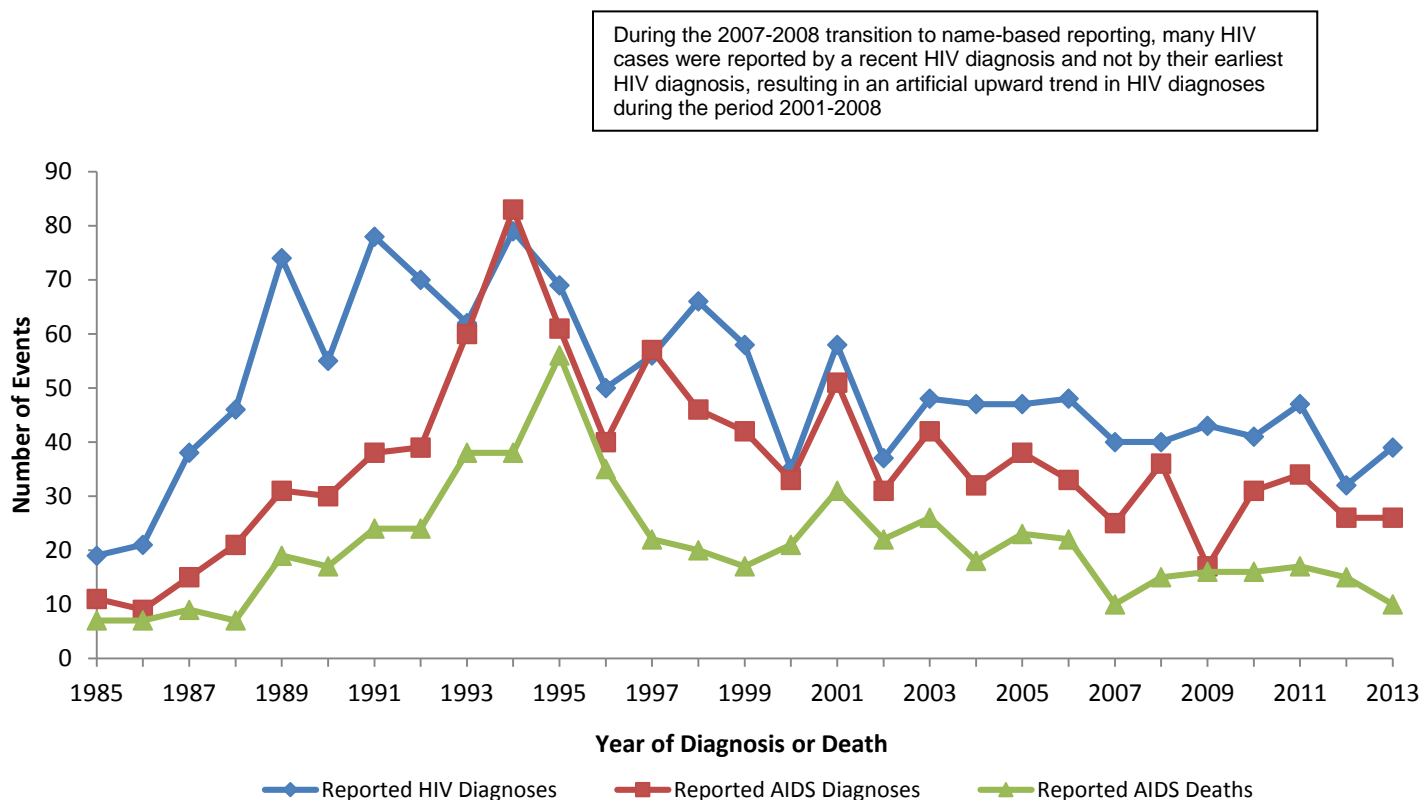
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2013

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014

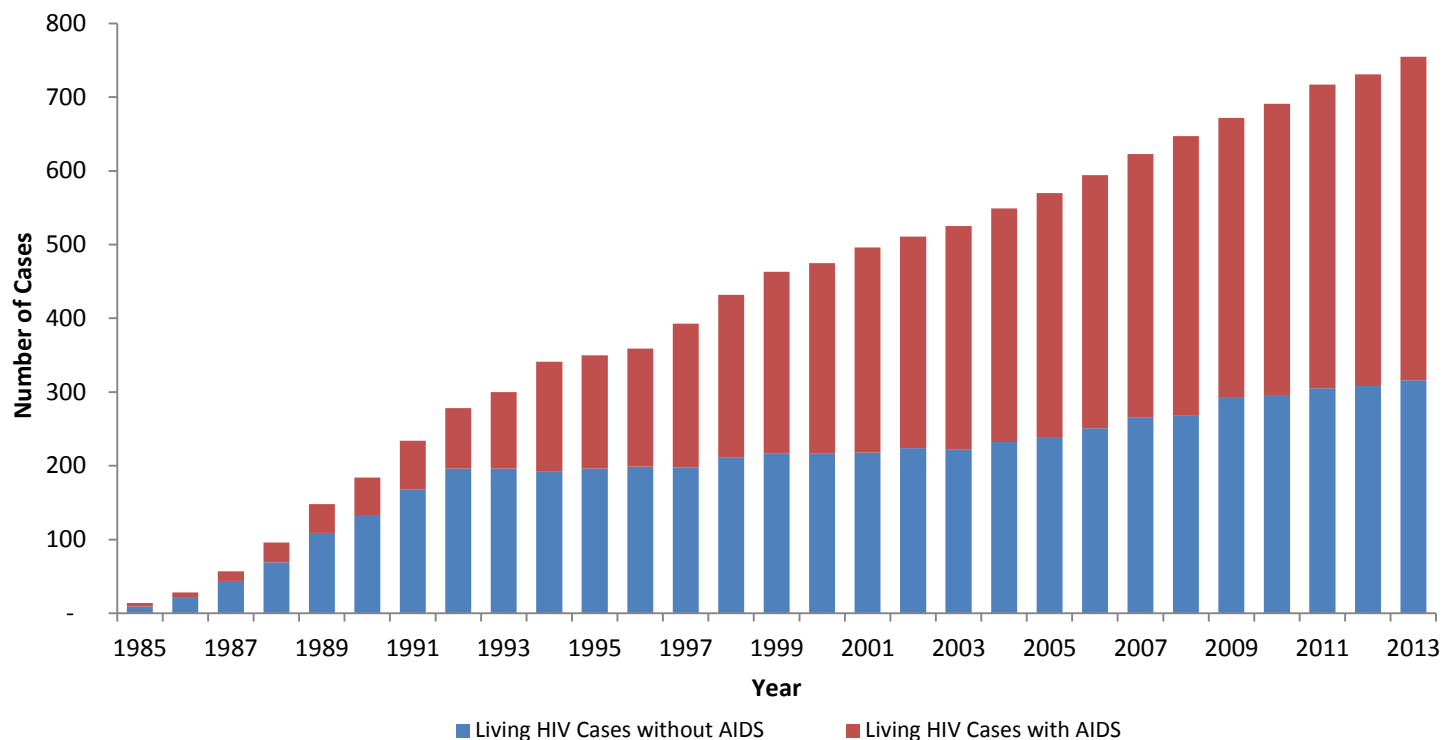
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	8	8	6	1999	58	42	17
1985	19	11	7	2000	35	33	21
1986	21	9	7	2001	58	51	31
1987	38	15	9	2002	37	31	22
1988	46	21	7	2003	48	42	26
1989	74	31	19	2004	47	32	18
1990	55	30	17	2005	47	38	23
1991	78	38	24	2006	48	33	22
1992	70	39	24	2007	40	25	10
1993	62	60	38	2008	40	36	15
1994	79	83	38	2009	43	17	16
1995	69	61	56	2010	41	31	16
1996	50	40	35	2011	47	34	17
1997	56	57	22	2012	32	26	15
1998	66	46	20	2013	39	26	10
				TOTAL	1,451	1,046	608

Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014

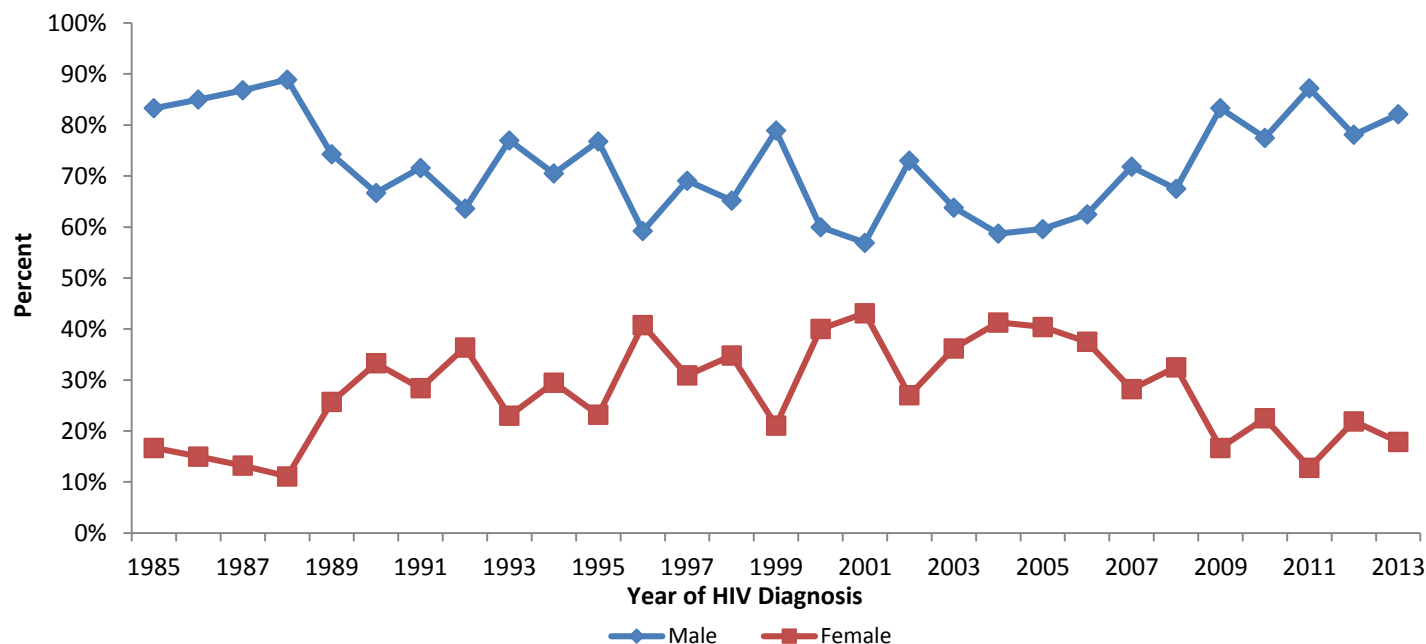
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	9	5	14	1999	217	246	463
1986	21	7	28	2000	217	258	475
1987	44	13	57	2001	218	278	496
1988	69	27	96	2002	224	287	511
1989	109	39	148	2003	222	303	525
1990	132	52	184	2004	232	317	549
1991	168	66	234	2005	238	332	570
1992	196	82	278	2006	251	343	594
1993	196	104	300	2007	265	358	623
1994	192	149	341	2008	268	379	647
1995	196	154	350	2009	292	380	672
1996	199	160	359	2010	296	395	691
1997	198	195	393	2011	305	412	717
1998	211	221	432	2012	308	423	731
				2013	316	439	755

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014

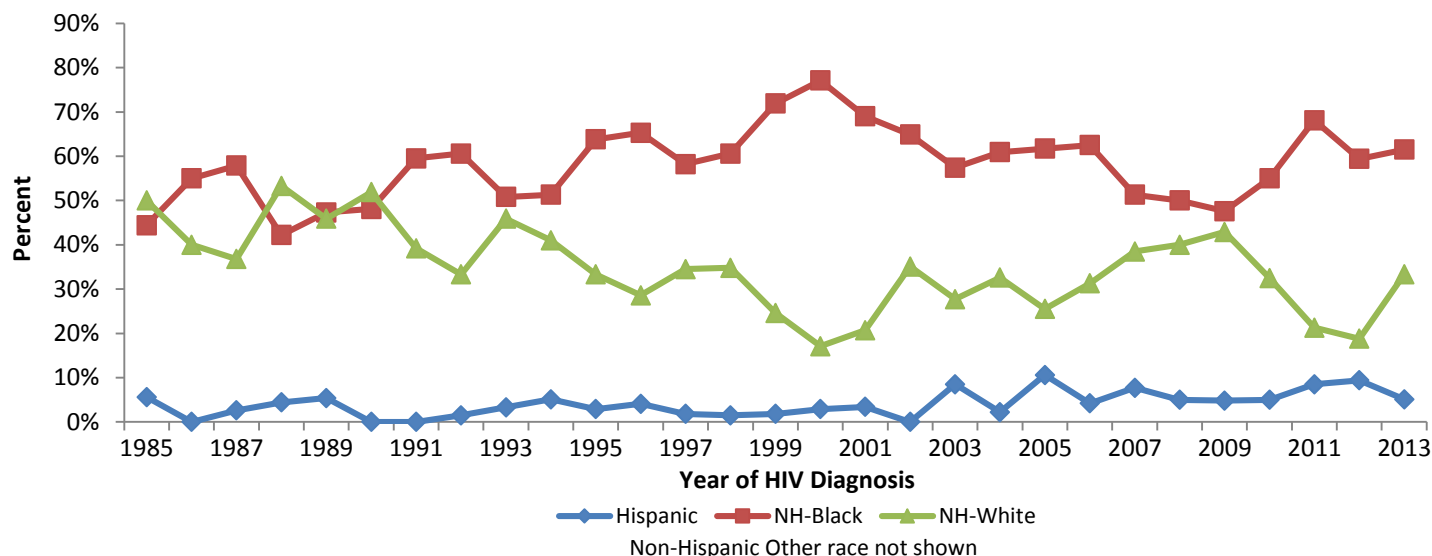
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	8	87.5%	12.5%	1999	57	78.9%	21.1%
1985	18	83.3%	16.7%	2000	35	60.0%	40.0%
1986	20	85.0%	15.0%	2001	58	56.9%	43.1%
1987	38	86.8%	13.2%	2002	37	73.0%	27.0%
1988	45	88.9%	11.1%	2003	47	63.8%	36.2%
1989	74	74.3%	25.7%	2004	46	58.7%	41.3%
1990	54	66.7%	33.3%	2005	47	59.6%	40.4%
1991	74	71.6%	28.4%	2006	48	62.5%	37.5%
1992	66	63.6%	36.4%	2007	39	71.8%	28.2%
1993	61	77.0%	23.0%	2008	40	67.5%	32.5%
1994	78	70.5%	29.5%	2009	42	83.3%	16.7%
1995	69	76.8%	23.2%	2010	40	77.5%	22.5%
1996	49	59.2%	40.8%	2011	47	87.2%	12.8%
1997	55	69.1%	30.9%	2012	32	78.1%	21.9%
1998	66	65.2%	34.8%	2013	39	82.1%	17.9%
				TOTAL	1,429	71.6%	28.4%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014

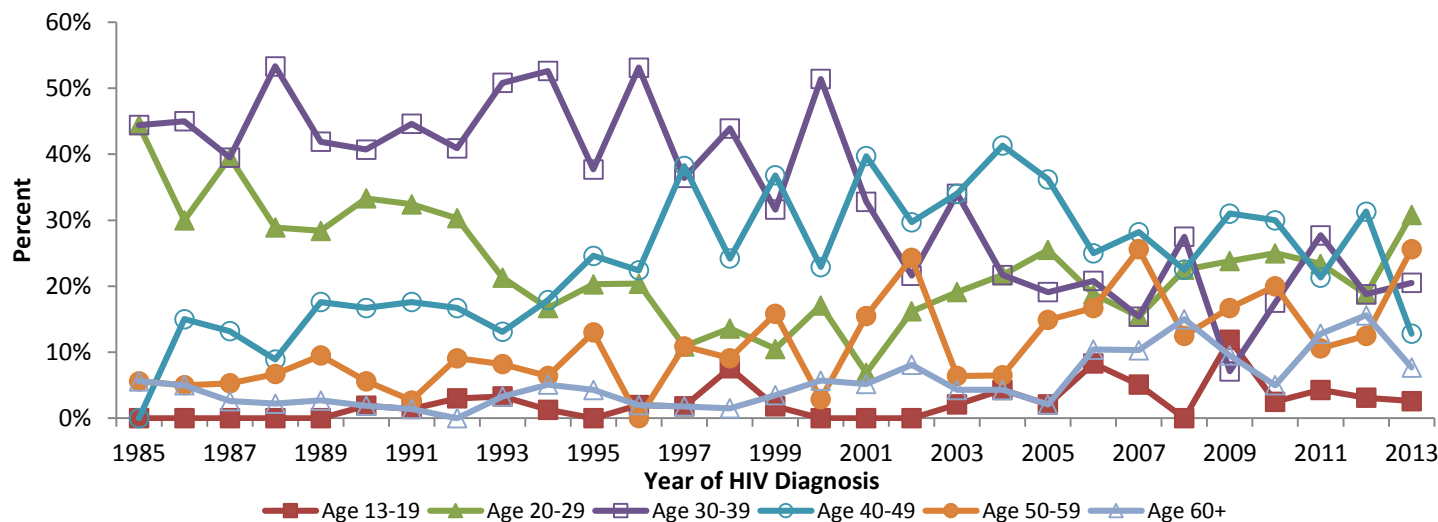
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	8	0.0%	62.5%	37.5%	0.0%
1985	18	5.6%	44.4%	50.0%	0.0%
1986	20	0.0%	55.0%	40.0%	5.0%
1987	38	2.6%	57.9%	36.8%	2.6%
1988	45	4.4%	42.2%	53.3%	0.0%
1989	74	5.4%	47.3%	45.9%	1.4%
1990	54	0.0%	48.1%	51.9%	0.0%
1991	74	0.0%	59.5%	39.2%	1.4%
1992	66	1.5%	60.6%	33.3%	4.5%
1993	61	3.3%	50.8%	45.9%	0.0%
1994	78	5.1%	51.3%	41.0%	2.6%
1995	69	2.9%	63.8%	33.3%	0.0%
1996	49	4.1%	65.3%	28.6%	2.0%
1997	55	1.8%	58.2%	34.5%	5.5%
1998	66	1.5%	60.6%	34.8%	3.0%
1999	57	1.8%	71.9%	24.6%	1.8%
2000	35	2.9%	77.1%	17.1%	2.9%
2001	58	3.4%	69.0%	20.7%	6.9%
2002	37	0.0%	64.9%	35.1%	0.0%
2003	47	8.5%	57.4%	27.7%	6.4%
2004	46	2.2%	60.9%	32.6%	4.3%
2005	47	10.6%	61.7%	25.5%	2.1%
2006	48	4.2%	62.5%	31.3%	2.1%
2007	39	7.7%	51.3%	38.5%	2.6%
2008	40	5.0%	50.0%	40.0%	5.0%
2009	42	4.8%	47.6%	42.9%	4.8%
2010	40	5.0%	55.0%	32.5%	7.5%
2011	47	8.5%	68.1%	21.3%	2.1%
2012	32	9.4%	59.4%	18.8%	12.5%
2013	39	5.1%	61.5%	33.3%	0.0%
TOTAL	1,429	3.8%	58.2%	35.1%	2.9%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014

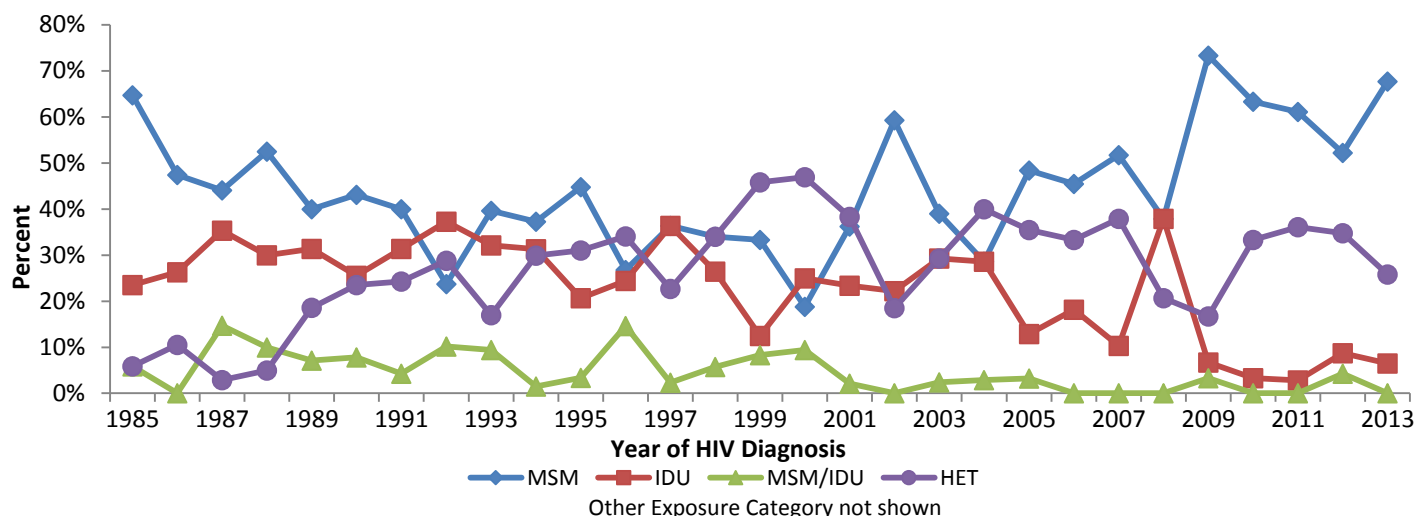
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	8	12.5%	25.0%	37.5%	12.5%	12.5%	0.0%
1985	18	0.0%	44.4%	44.4%	0.0%	5.6%	5.6%
1986	20	0.0%	30.0%	45.0%	15.0%	5.0%	5.0%
1987	38	0.0%	39.5%	39.5%	13.2%	5.3%	2.6%
1988	45	0.0%	28.9%	53.3%	8.9%	6.7%	2.2%
1989	74	0.0%	28.4%	41.9%	17.6%	9.5%	2.7%
1990	54	1.9%	33.3%	40.7%	16.7%	5.6%	1.9%
1991	74	1.4%	32.4%	44.6%	17.6%	2.7%	1.4%
1992	66	3.0%	30.3%	40.9%	16.7%	9.1%	0.0%
1993	61	3.3%	21.3%	50.8%	13.1%	8.2%	3.3%
1994	78	1.3%	16.7%	52.6%	17.9%	6.4%	5.1%
1995	69	0.0%	20.3%	37.7%	24.6%	13.0%	4.3%
1996	49	2.0%	20.4%	53.1%	22.4%	0.0%	2.0%
1997	55	1.8%	10.9%	36.4%	38.2%	10.9%	1.8%
1998	66	7.6%	13.6%	43.9%	24.2%	9.1%	1.5%
1999	57	1.8%	10.5%	31.6%	36.8%	15.8%	3.5%
2000	35	0.0%	17.1%	51.4%	22.9%	2.9%	5.7%
2001	58	0.0%	6.9%	32.8%	39.7%	15.5%	5.2%
2002	37	0.0%	16.2%	21.6%	29.7%	24.3%	8.1%
2003	47	2.1%	19.1%	34.0%	34.0%	6.4%	4.3%
2004	46	4.3%	21.7%	21.7%	41.3%	6.5%	4.3%
2005	47	2.1%	25.5%	19.1%	36.2%	14.9%	2.1%
2006	48	8.3%	18.8%	20.8%	25.0%	16.7%	10.4%
2007	39	5.1%	15.4%	15.4%	28.2%	25.6%	10.3%
2008	40	0.0%	22.5%	27.5%	22.5%	12.5%	15.0%
2009	42	11.9%	23.8%	7.1%	31.0%	16.7%	9.5%
2010	40	2.5%	25.0%	17.5%	30.0%	20.0%	5.0%
2011	47	4.3%	23.4%	27.7%	21.3%	10.6%	12.8%
2012	32	3.1%	18.8%	18.8%	31.3%	12.5%	15.6%
2013	39	2.6%	30.8%	20.5%	12.8%	25.6%	7.7%
TOTAL	1,429	2.5%	22.3%	35.5%	24.0%	10.8%	4.9%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	8	6	66.7%	16.7%	0.0%	0.0%	16.7%
1985	18	17	64.7%	23.5%	5.9%	5.9%	0.0%
1986	20	19	47.4%	26.3%	0.0%	10.5%	15.8%
1987	38	34	44.1%	35.3%	14.7%	2.9%	2.9%
1988	45	40	52.5%	30.0%	10.0%	5.0%	2.5%
1989	74	70	40.0%	31.4%	7.1%	18.6%	2.9%
1990	54	51	43.1%	25.5%	7.8%	23.5%	0.0%
1991	74	70	40.0%	31.4%	4.3%	24.3%	0.0%
1992	66	59	23.7%	37.3%	10.2%	28.8%	0.0%
1993	61	53	39.6%	32.1%	9.4%	17.0%	1.9%
1994	78	67	37.3%	31.3%	1.5%	29.9%	0.0%
1995	69	58	44.8%	20.7%	3.4%	31.0%	0.0%
1996	49	41	26.8%	24.4%	14.6%	34.1%	0.0%
1997	55	44	36.4%	36.4%	2.3%	22.7%	2.3%
1998	66	53	34.0%	26.4%	5.7%	34.0%	0.0%
1999	57	48	33.3%	12.5%	8.3%	45.8%	0.0%
2000	35	32	18.8%	25.0%	9.4%	46.9%	0.0%
2001	58	47	36.2%	23.4%	2.1%	38.3%	0.0%
2002	37	27	59.3%	22.2%	0.0%	18.5%	0.0%
2003	47	41	39.0%	29.3%	2.4%	29.3%	0.0%
2004	46	35	28.6%	28.6%	2.9%	40.0%	0.0%
2005	47	31	48.4%	12.9%	3.2%	35.5%	0.0%
2006	48	33	45.5%	18.2%	0.0%	33.3%	3.0%
2007	39	29	51.7%	10.3%	0.0%	37.9%	0.0%
2008	40	29	37.9%	37.9%	0.0%	20.7%	3.4%
2009	42	30	73.3%	6.7%	3.3%	16.7%	0.0%
2010	40	30	63.3%	3.3%	0.0%	33.3%	0.0%
2011	47	36	61.1%	2.8%	0.0%	36.1%	0.0%
2012	32	23	52.2%	8.7%	4.3%	34.8%	0.0%
2013	39	31	67.7%	6.5%	0.0%	25.8%	0.0%
TOTAL	1,429	1,184	42.4%	24.3%	5.0%	27.3%	1.0%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		# with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Caroline	27,080	1	2.6%	3.7	***	***	***	***	***	***	***
Cecil	84,917	8	20.5%	9.4	8	100.0%	***	***	5	62.5%	345
Dorchester	27,623	4	10.3%	14.5	***	***	***	***	***	***	***
Kent	17,527	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Queen Anne's	40,861	2	5.1%	4.9	***	***	***	***	***	***	***
Somerset	23,048	5	12.8%	21.7	5	100.0%	***	***	5	100.0%	243
Talbot	32,904	3	7.7%	9.1	***	***	***	***	***	***	***
Wicomico	84,872	14	35.9%	16.5	14	100.0%	9	64.3%	14	100.0%	202
Worcester	45,144	2	5.1%	4.4	***	***	***	***	***	***	***
TOTAL	383,976	39	100.0%	10.2	***	***	19	48.7%	36	92.3%	259

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Caroline	27,080	1	3.8%	3.7	***	***
Cecil	84,917	5	19.2%	5.9	0.2	100.0%
Dorchester	27,623	5	19.2%	18.1	9	40.0%
Kent	17,527	0	0.0%	0.0	--	0.0%
Queen Anne's	40,861	0	0.0%	0.0	--	0.0%
Somerset	23,048	3	11.5%	13.0	***	***
Talbot	32,904	1	3.8%	3.0	***	***
Wicomico	84,872	11	42.3%	13.0	1.5	90.9%
Worcester	45,144	0	0.0%	0.0	--	0.0%
TOTAL	383,976	26	100.0%	6.8	2.4	84.6%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Caroline	27,080	26	8.4%	96.0	32	7.4%	118.2	58	7.8%	214.2	466
Cecil	84,917	47	15.3%	55.3	59	13.6%	69.5	106	14.3%	124.8	801
Dorchester	27,623	36	11.7%	130.3	76	17.5%	275.1	112	15.1%	405.5	246
Kent	17,527	14	4.5%	79.9	19	4.4%	108.4	33	4.4%	188.3	531
Queen Anne's	40,861	18	5.8%	44.1	31	7.1%	75.9	49	6.6%	119.9	833
Somerset	23,048	19	6.2%	82.4	30	6.9%	130.2	49	6.6%	212.6	470
Talbot	32,904	23	7.5%	69.9	32	7.4%	97.3	55	7.4%	167.2	598
Wicomico	84,872	91	29.5%	107.2	109	25.1%	128.4	200	26.9%	235.6	424
Worcester	45,144	34	11.0%	75.3	47	10.8%	104.1	81	10.9%	179.4	557
TOTAL	383,976	308	100.0%	80.2	435	100.0%	113.3	743	100.0%	193.5	516

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013,
Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Caroline	58	33	56.9%	576	9.1%	12.1%	9.1%	69.7%
Cecil	106	50	47.2%	528	6.0%	22.0%	20.0%	52.0%
Dorchester	112	81	72.3%	509	7.4%	17.3%	24.7%	50.6%
Kent	33	17	51.5%	585	0.0%	23.5%	5.9%	70.6%
Queen Anne's	49	32	65.3%	506	3.1%	28.1%	18.8%	50.0%
Somerset	49	36	73.5%	564	13.9%	13.9%	11.1%	61.1%
Talbot	55	38	69.1%	438	13.2%	23.7%	18.4%	44.7%
Wicomico	200	119	59.5%	503	17.6%	17.6%	14.3%	50.4%
Worcester	81	51	63.0%	541	17.6%	11.8%	13.7%	56.9%
TOTAL	743	457	61.5%	529	11.6%	18.2%	16.4%	53.8%

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Caroline	58	36	62.1%	75.0%	4110
Cecil	106	49	46.2%	79.6%	4,930
Dorchester	112	74	66.1%	83.8%	46,300
Kent	33	19	57.6%	89.5%	25,025
Queen Anne's	49	32	65.3%	90.6%	2,700
Somerset	49	36	73.5%	72.2%	8,590
Talbot	55	36	65.5%	77.8%	24,750
Wicomico	200	117	58.5%	76.1%	6,635
Worcester	81	51	63.0%	82.4%	1600
TOTAL	743	450	60.6%	79.8%	7,770

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

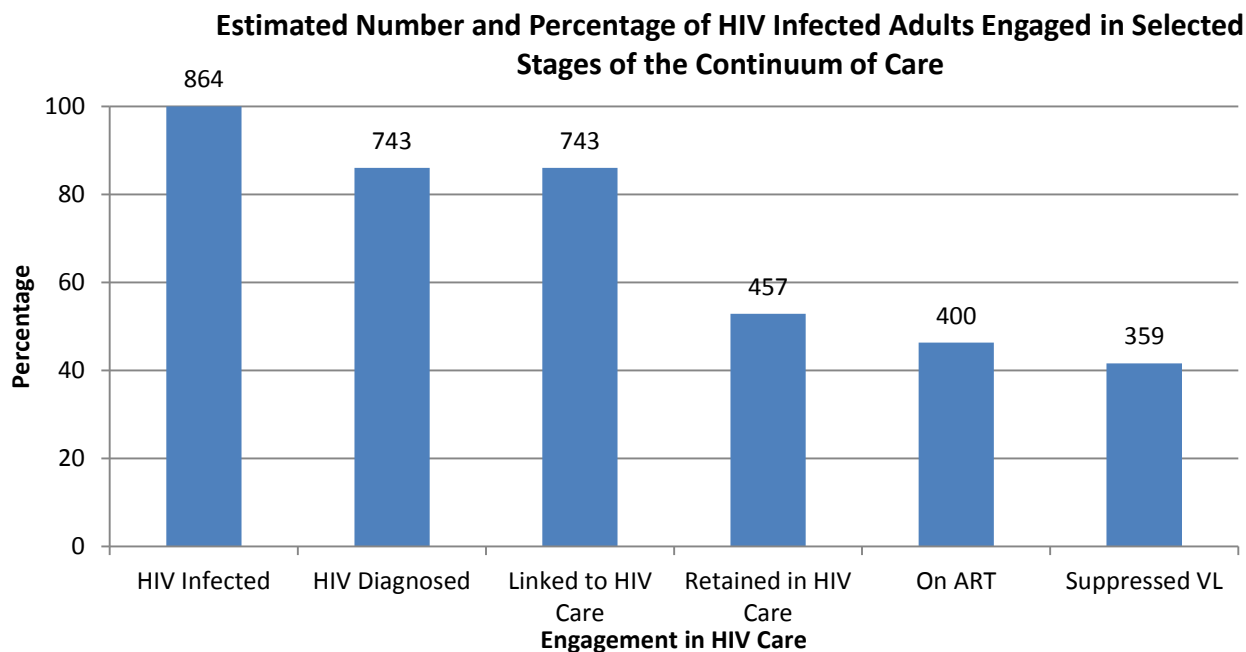
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	864	100.0%
HIV Diagnosed	743	86.0%
Linked to HIV Care	743	86.0%
Retained in HIV Care	457	52.9%
On ART	400	46.3%
Suppressed VL	359	41.6%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	25,116	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	43,355	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	41,449	1	2.6%	2.4	***	***	***	***	***	***	***
20-29	59,388	12	30.8%	20.2	12	100.0%	***	***	11	91.7%	448
30-39	48,104	8	20.5%	16.6	8	100.0%	***	***	7	87.5%	225
40-49	59,549	5	12.8%	8.4	5	100.0%	***	***	5	100.0%	524
50-59	67,797	10	25.6%	14.7	10	100.0%	8	80.0%	9	90.0%	92
60+	107,689	3	7.7%	2.8	***	***	***	***	***	***	***
TOTAL	452,447	39	100.0%	8.6	39	100.0%	19	48.7%	36	92.3%	259

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	25,116	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	43,355	0	0.0%	0.0	--	0.0%
13-19	41,449	0	0.0%	0.0	--	0.0%
20-29	59,388	4	15.4%	6.7	***	***
30-39	48,104	4	15.4%	8.3	***	***
40-49	59,549	3	11.5%	5.0	***	***
50-59	67,797	10	38.5%	14.7	2.8	80.0%
60+	107,689	5	19.2%	4.6	5.0	80.0%
TOTAL	452,447	26	100.0%	5.7	2.4	84.6%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	25,116	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
5-12	43,355	3	0.9%	6.9	0	0.0%	0.0	3	0.4%	6.9	14,451
13-19	41,449	3	0.9%	7.2	0	0.0%	0.0	3	0.4%	7.2	13,816
20-29	59,388	46	14.6%	77.5	25	5.7%	42.1	71	9.4%	119.6	836
30-39	48,104	65	20.6%	135.1	46	10.5%	95.6	111	14.7%	230.8	433
40-49	59,549	83	26.3%	139.4	127	28.9%	213.3	210	27.8%	352.7	283
50-59	67,797	73	23.1%	107.7	158	36.0%	233.0	231	30.6%	340.7	293
60+	107,689	43	13.6%	39.9	83	18.9%	77.1	126	16.7%	117.0	854
TOTAL	452,447	316	100.0%	69.8	439	100.0%	97.0	755	100.0%	166.9	599

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	2	***	***	***	***	***	***	***
20-29	66	***	***	***	***	***	***	***
30-39	108	62	57.4%	496	14.5%	17.7%	19.4%	48.4%
40-49	210	124	59.0%	546	16.1%	12.1%	15.3%	56.5%
50-59	231	156	67.5%	561	8.3%	18.6%	14.7%	58.3%
60+	126	70	55.6%	488	10.0%	27.1%	14.3%	48.6%
TOTAL	743	457	61.5%	529	11.6%	18.2%	16.4%	53.8%

*** Data withheld due to low population counts and/or case counts

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	2	***	***	***	***
20-29	66	***	***	***	***
30-39	108	62	57.4%	64.5%	3,065
40-49	210	125	59.5%	79.2%	9,275
50-59	231	149	64.5%	89.9%	2,700
60+	126	71	56.3%	84.5%	4,110
TOTAL	743	450	60.6%	79.8%	7,770

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	186,685	32	82.1%	17.1	32	100.0%	13	40.6%	30	93.8%	291
Female	197,290	7	17.9%	3.5	7	100.0%	6	85.7%	6	85.7%	32
TOTAL	383,976	39	100.0%	10.2	39	100.0%	19	48.7%	36	92.3%	259

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	14,282	2	5.1%	14.0	***	***	***	***	***	***	***
Non-Hispanic	369,694	37	94.9%	10.0	***	***	***	***	***	***	***
American Indian/Alaska Native, only	992	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	5,683	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Black, only	60,595	24	61.5%	39.6	24	100.0%	12	50.0%	23	95.8%	256
Native Hawaiian/Other Pacific Islander, only	132	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White only	297,691	13	33.3%	4.4	***	***	***	***	***	***	***
Multiracial/Other	4,601	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
TOTAL	383,976	39	100.0%	10.2	39	100.0%	19	48.7%	36	92.3%	259

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	361,357	32	82.1%	8.9	32	100.0%	14	43.8%	29	90.6%	301
Foreign-born	19,937	4	10.3%	20.1	***	***	***	***	***	***	***
Africa	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Asia	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Caribbean	--	2	5.1%	--	***	***	***	***	***	***	***
Central America	--	2	5.1%	--	***	***	***	***	***	***	***
Other	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Unknown	--	3	7.7%	--	***	***	***	***	***	***	***
TOTAL	381,295	39	100.0%	10.2	39	100.0%	19	48.7%	36	92.3%	259

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	186,685	19	73.1%	10.2	2.9	84.2%
Female	197,290	7	26.9%	3.5	1.3	85.7%
TOTAL	383,976	26	100.0%	6.8	2.4	84.6%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	14,282	1	3.8%	7.0	***	***
Non-Hispanic	369,694	25	96.2%	6.8	2.5	84.0%
American Indian/Alaska Native, only	992	0	0.0%	0.0	--	0.0%
Asian, only	5,683	0	0.0%	0.0	--	0.0%
Black, only	60,595	16	61.5%	26.4	1.5	87.5%
Native Hawaiian/Other Pacific Islander, only	132	0	0.0%	0.0	--	0.0%
White only	297,691	9	34.6%	3.0	4.5	77.8%
Multiracial/Other	4,601	0	0.0%	0.0	--	0.0%
TOTAL	383,976	26	100.0%	6.8	2.4	84.6%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	361,357	21	80.8%	5.8	3.0	81.0%
Foreign-born	19,937	3	11.5%	15.0	***	***
Africa	--	0	0.0%	--	--	0.0%
Asia	--	0	0.0%	--	--	0.0%
Caribbean	--	2	7.7%	--	***	***
Central America	--	1	3.8%	--	***	***
Other	--	0	0.0%	--	--	0.0%
Unknown	--	2	7.7%	--	0.0	100.0%
TOTAL	381,295	26	100.0%	6.8	2.4	84.6%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	186,685	210	68.2%	112.5	299	68.7%	160.2	509	68.5%	272.7	366
Female	197,290	98	31.8%	49.7	136	31.3%	68.9	234	31.5%	118.6	843
TOTAL	383,976	308	100.0%	80.2	435	100.0%	113.3	743	100.0%	193.5	516

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	14,282	18	5.8%	126.0	18	4.1%	126.0	36	4.8%	252.1	396
Non-Hispanic	369,694	290	94.2%	78.4	417	95.9%	112.8	707	95.2%	191.2	522
American Indian/Alaska Native, only	992	***	***	***	***	***	***	***	***	***	***
Asian, only	5,683	1	0.3%	17.6	1	0.2%	17.6	2	0.3%	35.2	2,841
Black, only	60,595	182	59.1%	300.4	244	56.1%	402.7	426	57.3%	703.0	142
Native Hawaiian/Other Pacific Islander, only	132	***	***	***	***	***	***	***	***	***	***
White only	297,691	96	31.2%	32.2	152	34.9%	51.1	248	33.4%	83.3	1,200
Multiracial/ Other	4,601	10	3.2%	217.3	19	4.4%	413.0	29	3.9%	630.3	158
TOTAL	383,976	308	100.0%	80.2	435	100.0%	113.3	743	100.0%	193.5	516

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	361,357	287	93.2%	79.4	402	92.4%	111.2	689	92.7%	190.7	524
Foreign-born	19,937	17	5.5%	85.3	29	6.7%	145.5	46	6.2%	230.7	433
Africa	--	1	0.3%	--	4	0.9%	--	5	0.7%	--	--
Asia	--	1	0.3%	--	2	0.5%	--	3	0.4%	--	--
Caribbean	--	7	2.3%	--	13	3.0%	--	20	2.7%	--	--
Central America	--	5	1.6%	--	8	1.8%	--	13	1.7%	--	--
Other	--	3	1.0%	--	2	0.5%	--	5	0.7%	--	--
Unknown	--	4	1.3%	--	4	0.9%	--	8	1.1%	--	--
TOTAL	381,295	308	100.0%	80.8	435	100.0%	114.1	743	100.0%	194.9	513

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	509	314	61.7%	510	10.2%	21.3%	16.9%	51.6%
Female	234	143	61.1%	577	14.7%	11.2%	15.4%	58.7%
TOTAL	743	457	61.5%	529	11.6%	18.2%	16.4%	53.8%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	36	15	41.7%	259	33%	27%	13%	27%
Non-Hispanic	707	442	62.5%	535	11%	18%	17%	55%
American Indian/Alaska Native, only	***	***	***	***	***	***	***	***
Asian, only	2	***	***	***	***	***	***	***
Black, only	426	270	63.4%	514	13%	19%	16%	52%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White only	248	146	58.9%	535	9%	17%	18%	56%
Multiracial/Other	29	23	79.3%	556	4%	9%	17%	70%
TOTAL	743	457	61.5%	529	12%	18%	16%	54%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	689	427	62.0%	538	10.8%	17.1%	17.1%	55.0%
Foreign-born	46	23	50.0%	332	21.7%	30.4%	8.7%	39.1%
Africa	5	***	***	***	***	***	***	***
Asia	3	***	***	***	***	***	***	***
Caribbean	20	12	60.0%	296	25.0%	41.7%	8.3%	25.0%
Central America	13	7	53.8%	279	28.6%	28.6%	14.3%	28.6%
Other	5	***	***	***	***	***	***	***
Unknown	8	7	87.5%	212	28.6%	42.9%	0.0%	28.6%
TOTAL	743	457	61.5%	529	11.6%	18.2%	16.4%	53.8%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	509	307	60.3%	80.8%	7,043
Female	234	143	61.1%	77.6%	15,165
TOTAL	743	450	60.6%	79.8%	7,770

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	36	15	41.7%	80.0%	1,600
Non-Hispanic	707	435	61.5%	79.8%	8,140
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	2	***	***	***	***
Black, only	426	259	60.8%	76.4%	10,120
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White only	248	152	61.3%	86.2%	2,990
Multiracial/Other	29	21	72.4%	71.4%	11,800
TOTAL	743	450	60.6%	79.8%	7,770

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	689	421	61.1%	80.8%	7,490
Foreign-born	46	23	50.0%	60.9%	7,770
Africa	5	***	***	***	***
Asia	3	***	***	***	***
Caribbean	20	12	60.0%	50.0%	6,635
Central America	13	7	53.8%	71.4%	20,530
Other	5	***	***	***	***
Unknown	8	6	75.0%	83.3%	460,000
TOTAL	743	450	60.6%	79.8%	7,770

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

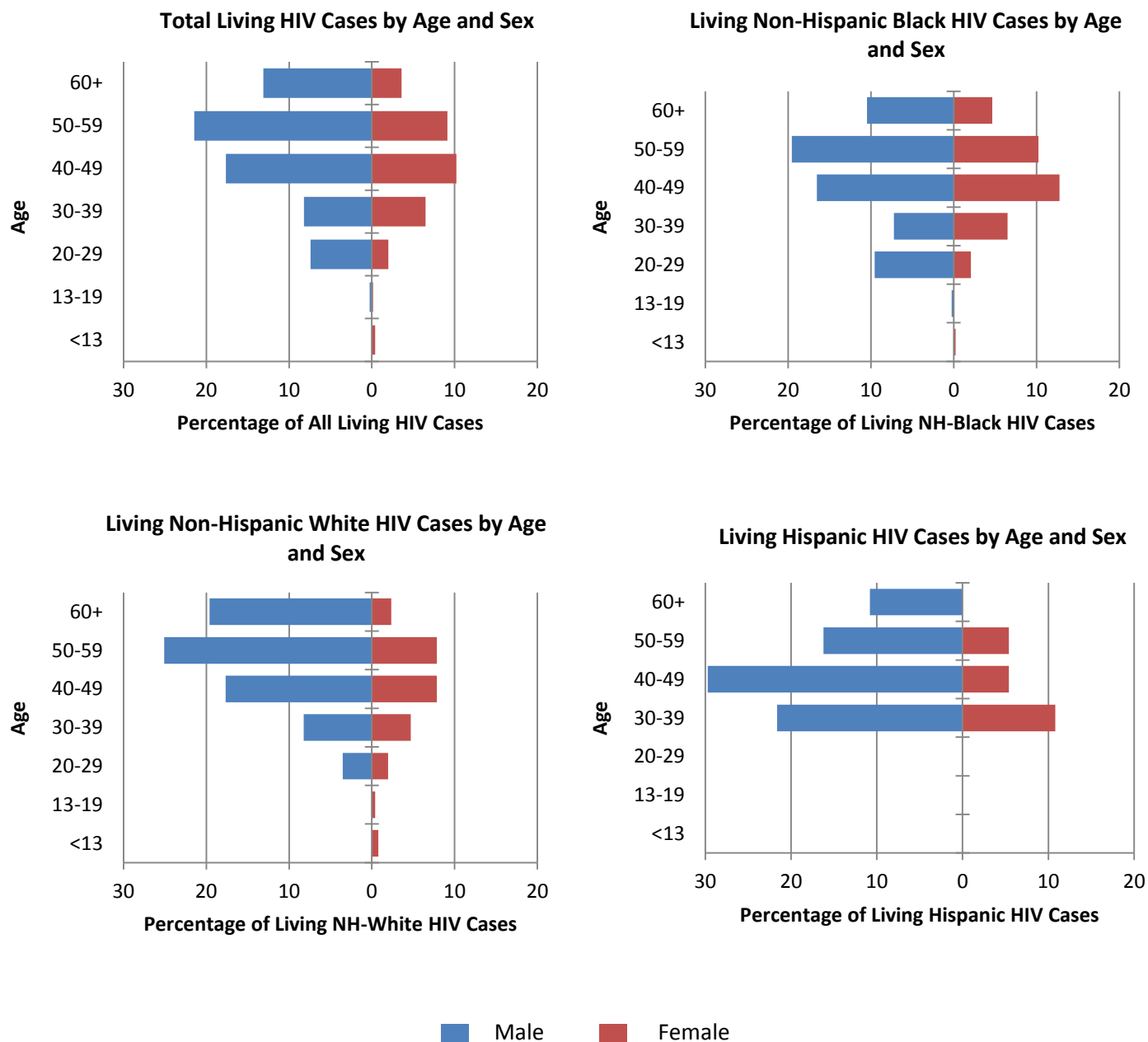
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,870	6,446	23,072	2,337	34,725
	Cases	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	1,274	4,056	14,608	2,337	22,275
	Cases	0	1	0	1	2
	Rate	0.0	24.7	0.0	42.8	9.0
	Ratio (1 in X)	--	4,056	--	2,337	11,137
20-29	Population	2,116	6,387	20,565	1,028	30,096
	Cases	0	41	9	6	56
	Rate	0.0	641.9	43.8	583.7	186.1
	Ratio (1 in X)	--	155	2,285	171	537
30-39	Population	1,875	4,081	16,994	788	23,738
	Cases	***	31	21	***	52
	Rate	***	759.6	123.6	***	219.1
	Ratio (1 in X)	***	131	809	***	456
40-49	Population	1,321	4,641	22,640	870	29,472
	Cases	***	71	45	***	116
	Rate	***	1,529.8	198.8	***	393.6
	Ratio (1 in X)	***	65	503	***	254
50-59	Population	685	4,782	26,616	813	32,896
	Cases	***	84	64	***	148
	Rate	***	1,756.6	240.5	***	449.9
	Ratio (1 in X)	***	56	415	***	222
60+	Population	555	5,503	42,652	822	49,532
	Cases	***	45	50	***	95
	Rate	***	817.7	117.2	***	191.8
	Ratio (1 in X)	***	122	853	***	521
TOTAL MALES BY RACE/ ETHNICITY	Population	10,696	35,896	167,147	8,995	222,734
	Cases	2	273	189	23	469
	Rate	271.1	760.5	113.1	255.7	210.6
	Ratio (1 in X)	368	131	884	391	474

*** Data withheld due to low population and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,755	6,415	22,241	2,337	33,748
	Cases	0	1	2	0	3
	Rate	0.0	15.6	9.0	0.0	8.9
	Ratio (1 in X)	--	6,415	11,120	--	11,249
13-19	Population	1,113	3,861	14,330	1,192	20,496
	Cases	0	0	1	0	1
	Rate	0.0	0.0	7.0	0.0	4.9
	Ratio (1 in X)	--	--	14,330	--	20,496
20-29	Population	1,578	6,028	20,424	1,262	29,292
	Cases	0	9	5	1	15
	Rate	0.0	149.3	24.5	79.2	51.2
	Ratio (1 in X)	--	669	4,084	1,262	1,952
30-39	Population	1,589	4,176	17,693	908	24,366
	Cases	***	28	12	***	49
	Rate	***	670.5	67.8	***	201.1
	Ratio (1 in X)	***	149	1,474	***	497
40-49	Population	983	4,582	23,579	933	30,077
	Cases	***	55	20	***	77
	Rate	***	1,200.3	84.8	***	256.0
	Ratio (1 in X)	***	83	1,178	***	390
50-59	Population	622	5,291	28,125	863	34,901
	Cases	***	44	20	***	69
	Rate	***	831.6	71.1	***	197.7
	Ratio (1 in X)	***	120	1,406	***	505
60+	Population	570	7,207	49,464	916	58,157
	Cases	***	20	6	***	27
	Rate	***	277.5	12.1	***	46.4
	Ratio (1 in X)	***	360	8,244	***	2,153
TOTAL FEMALES BY RACE/ ETHNICITY	Population	9,210	37,560	175,856	8,411	231,037
	Cases	8	157	66	10	241
	Rate	86.9	418.0	37.5	118.9	104.3
	Ratio (1 in X)	1,151	239	2,664	841	958

*** Data withheld due to low population and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	31	100.0%	31	100.0%	14	45.2%	96.8%	291
Men who have Sex with Men (MSM)	21	67.7%	21	100.0%	7	33.3%	95.2%	329
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	8		8	100.0%	5	62.5%	75.0%	159
TOTAL	39		39	100.0%	19	48.7%	92.3%	259

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	26	100.0%	26	100.0%	10	38.5%	96.2%	301
Men who have Sex with Men (MSM)	21	80.8%	21	100.0%	7	33.3%	95.2%	329
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	6		6	100.0%	3	50.0%	83.3%	225
TOTAL	32		32	100.0%	13	40.6%	93.8%	291

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	5	100.0%	5	100.0%	4	80.0%	100.0%	48
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposure	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	2		2	100.0%	2	100.0%	50.0%	6
TOTAL	7		7	100.0%	6	85.7%	85.7%	32

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	19	100.0%	2.5	84.2%
Men who have Sex with Men (MSM)	9	47.4%	2.8	88.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	7		2.3	85.7%
TOTAL	26		2.4	84.6%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	14	100.0%	2.7	85.7%
Men who have Sex with Men (MSM)	9	64.3%	2.8	88.9%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	5		3.2	80.0%
TOTAL	19		2.9	84.2%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	5	100.0%	1.8	80.0%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	2		0	100.0%
TOTAL	7		1.3	85.7%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	233	100.0%	360	100.0%	593	100.0%
Men who have Sex with Men (MSM)	120	51.5%	153	42.5%	273	46.0%
Injection Drug Users (IDU)	29	12.4%	74	20.6%	103	17.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	3.0%	10	2.8%	17	2.9%
Heterosexual Exposure (HET)	77	33.0%	122	33.9%	199	33.6%
Other Exposures	0	0.0%	1	0.3%	1	0.2%
No Reported Exposure	75		75		150	
TOTAL	308		435		743	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	173	100.0%	250	100.0%	423	100.0%
Men who have Sex with Men (MSM)	120	69.4%	153	61.2%	273	64.5%
Injection Drug Users (IDU)	17	9.8%	48	19.2%	65	15.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	4.0%	10	4.0%	17	4.0%
Heterosexual Exposure (HET)	29	16.8%	39	15.6%	68	16.1%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	37		49		86	
TOTAL	210		299		509	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	60	100.0%	110	100.0%	170	100.0%
Injection Drug Users (IDU)	12	20.0%	26	23.6%	38	22.4%
Heterosexual Exposure (HET)	48	80.0%	83	75.5%	131	77.1%
Other Exposures	0	0.0%	1	0.9%	1	0.6%
No Reported Exposure*	38		26		64	
TOTAL	98		136		234	

* Includes 17 HIV cases without AIDS and 13 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	25	100.0%	325	100.0%	211	100.0%
Men who have Sex with Men (MSM)	12	48.0%	120	36.9%	125	59.2%
Injection Drug Users (IDU)	***	***	62	19.1%	29	13.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	8	2.5%	6	2.8%
Heterosexual Exposure (HET)	7	28.0%	134	41.2%	51	24.2%
Other Exposures	0	0.0%	1	0.3%	0	0.0%
No Reported Exposure	11		101		37	
TOTAL	36		426		248	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	21	100.0%	218	100.0%	161	100.0%
Men who have Sex with Men (MSM)	12	57.1%	120	55.0%	125	77.6%
Injection Drug Users (IDU)	***	***	43	19.7%	13	8.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	8	3.7%	6	3.7%
Heterosexual Exposure (HET)	***	***	47	21.6%	17	10.6%
Other Exposures	0	0.0%	0	0.0%	0	0.0%
No Reported Exposure	8		53		25	
TOTAL	29		271		186	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	4	100.0%	107	100.0%	50	100.0%
Injection Drug Users (IDU)	***	***	19	17.8%	16	32.0%
Heterosexual Exposure (HET)	***	***	87	81.3%	34	68.0%
Other Exposures	0	0.0%	1	0.9%	0	0.0%
No Reported Exposure*	3		48		12	
TOTAL	7		155		62	

* Includes 2 Hispanic cases, 25 non-Hispanic black cases, and 2 non-Hispanic white cases with Presumed Female Heterosexual exposure

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	593	381	64.2%	539	11.5%	16.8%	17.1%	54.6%
Men who have Sex with Men (MSM)	273	171	62.6%	516	9.4%	17.5%	19.9%	53.2%
Injection Drug Users (IDU)	103	66	64.1%	579	10.6%	13.6%	15.2%	60.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	10	58.8%	274	20.0%	50.0%	10.0%	20.0%
Heterosexual Exposure (HET)	199	134	67.3%	564	14.2%	14.9%	14.9%	56.0%
Other Exposures	1	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
No Reported Exposure	150	76	50.7%	498	11.8%	25.0%	13.2%	50.0%
TOTAL	743	457	61.5%	529	11.6%	18.2%	16.4%	53.8%

* Includes 30 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	593	377	63.6%	80.6%	5,550
Men who have Sex with Men (MSM)	273	170	62.3%	76.5%	7,267
Injection Drug Users (IDU)	103	64	62.1%	85.9%	590
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	9	52.9%	77.8%	84,930
Heterosexual Exposure (HET)	199	134	67.3%	83.6%	11,740
Other Exposures	1	0	0.0%	0.0%	--
No Reported Exposure	150	73	48.7%	75.3%	23,310
TOTAL	743	450	60.6%	79.8%	7,770

* Includes 30 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

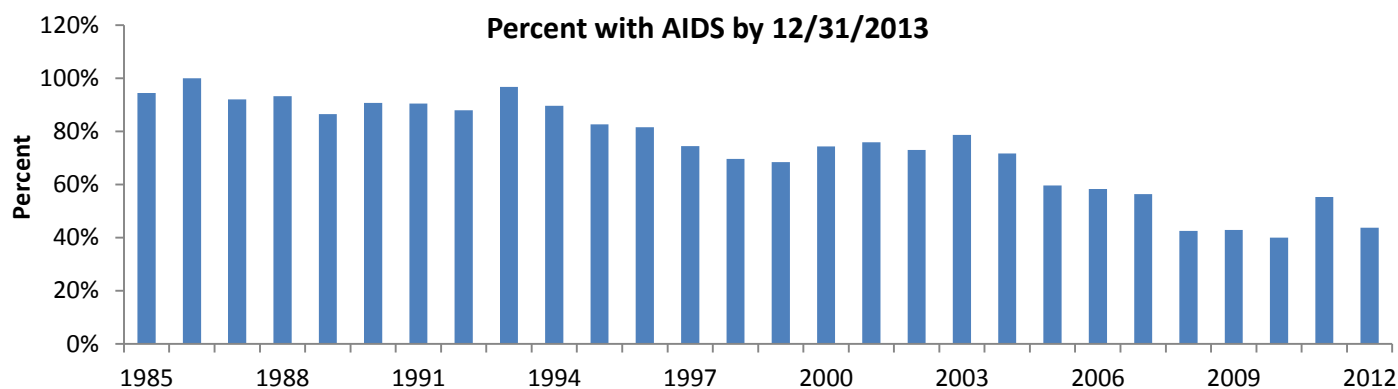
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014

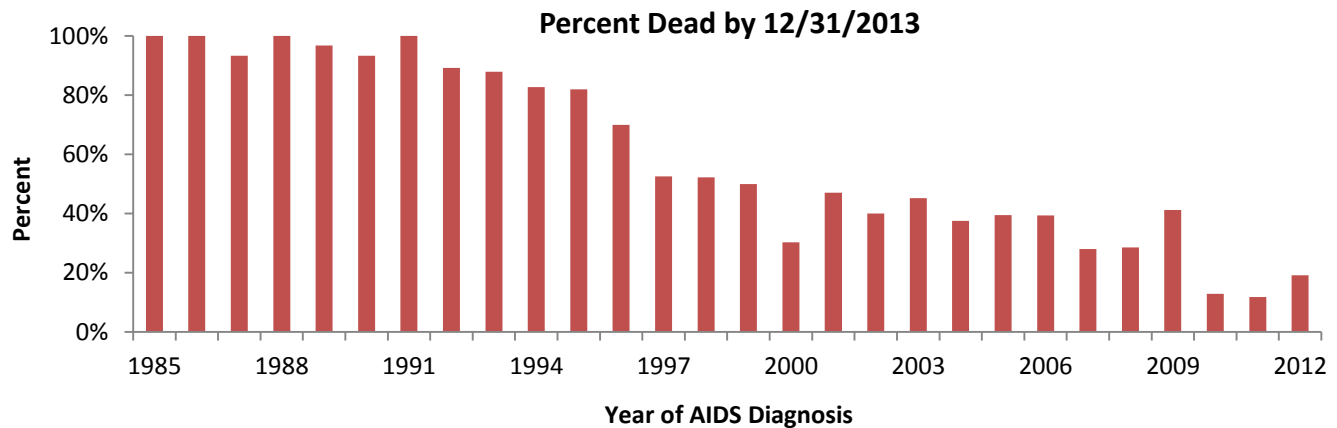


Year of HIV Diagnosis

YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	0.8	87.5%	87.5%	87.5%	100.0%
1985	18	17	94.4%	4.2	55.6%	55.6%	61.1%	83.3%
1986	20	20	100.0%	3.1	50.0%	55.0%	75.0%	95.0%
1987	38	35	92.1%	4.9	36.8%	36.8%	57.9%	76.3%
1988	45	42	93.3%	3.7	48.9%	53.3%	73.3%	82.2%
1989	74	64	86.5%	3.9	40.5%	44.6%	58.1%	81.1%
1990	54	49	90.7%	3.6	38.9%	42.6%	61.1%	83.3%
1991	74	67	90.5%	3.0	45.9%	50.0%	66.2%	86.5%
1992	66	58	87.9%	3.6	40.9%	47.0%	65.2%	80.3%
1993	61	59	96.7%	2.3	54.1%	67.2%	85.2%	91.8%
1994	78	70	89.7%	2.1	62.8%	67.9%	75.6%	83.3%
1995	69	57	82.6%	2.1	52.2%	56.5%	71.0%	81.2%
1996	49	40	81.6%	3.4	44.9%	46.9%	55.1%	75.5%
1997	55	41	74.5%	1.4	56.4%	58.2%	67.3%	72.7%
1998	66	46	69.7%	3.0	42.4%	45.5%	51.5%	60.6%
1999	57	39	68.4%	1.4	56.1%	57.9%	59.6%	64.9%
2000	35	26	74.3%	1.6	51.4%	51.4%	65.7%	71.4%
2001	58	44	75.9%	1.2	58.6%	62.1%	67.2%	75.9%
2002	37	27	73.0%	1.7	51.4%	56.8%	64.9%	67.6%
2003	47	37	78.7%	1.4	61.7%	63.8%	70.2%	78.7%
2004	46	33	71.7%	1.9	50.0%	50.0%	58.7%	--
2005	47	28	59.6%	0.7	53.2%	53.2%	57.4%	--
2006	48	28	58.3%	1.2	47.9%	47.9%	54.2%	--
2007	39	22	56.4%	1.1	46.2%	46.2%	53.8%	--
2008	40	17	42.5%	0.9	32.5%	35.0%	--	--
2009	42	18	42.9%	0.6	40.5%	40.5%	--	--
2010	40	16	40.0%	0.3	35.0%	40.0%	--	--
2011	47	26	55.3%	0.3	51.1%	53.2%	--	--
2012	32	14	43.8%	0.3	43.8%	--	--	--
TOTAL	1,390	1,048	75.4%	2.4	48.7%	51.9%	61.7%	71.5%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014

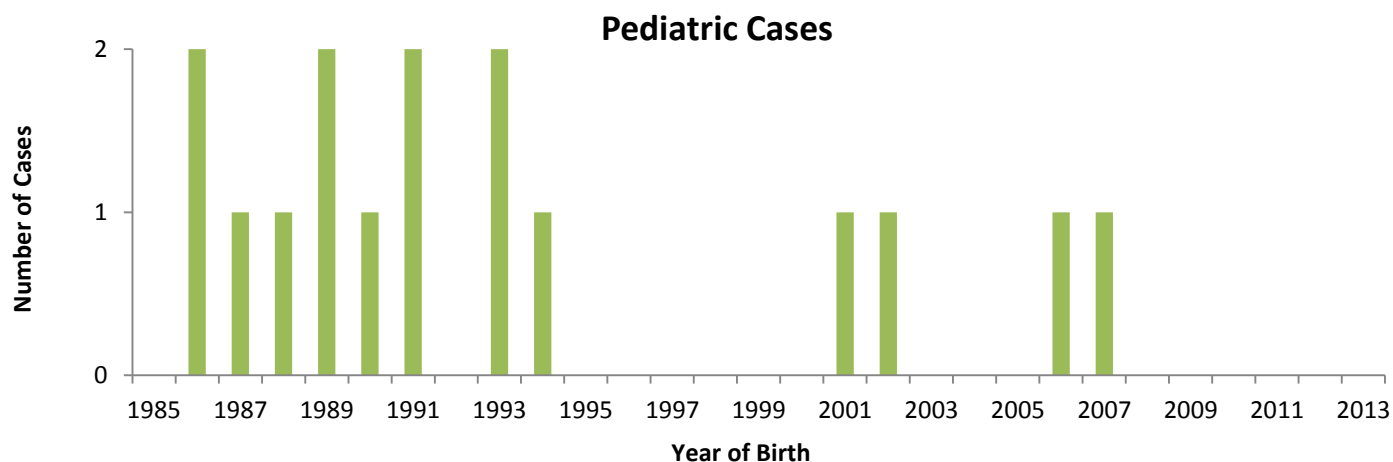


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	7	7	100.0%	0.4	14.3%	0.0%	0.0%	0.0%
1985	10	10	100.0%	0.5	30.0%	0.0%	0.0%	0.0%
1986	9	9	100.0%	0.8	33.3%	22.2%	0.0%	0.0%
1987	15	14	93.3%	2.5	60.0%	40.0%	13.3%	13.3%
1988	21	21	100.0%	1.8	61.9%	28.6%	9.5%	0.0%
1989	31	30	96.8%	2.4	58.1%	45.2%	16.1%	6.5%
1990	30	28	93.3%	2.6	76.7%	50.0%	23.3%	6.7%
1991	38	38	100.0%	2.5	73.7%	42.1%	15.8%	2.6%
1992	37	33	89.2%	2.4	62.2%	40.5%	18.9%	16.2%
1993	58	51	87.9%	2.8	77.6%	53.4%	27.6%	15.5%
1994	81	67	82.7%	3.9	75.3%	63.0%	39.5%	25.9%
1995	61	50	82.0%	4.2	72.1%	62.3%	47.5%	26.2%
1996	40	28	70.0%	4.5	80.0%	75.0%	55.0%	37.5%
1997	57	30	52.6%	5.4	87.7%	80.7%	70.2%	56.1%
1998	46	24	52.2%	4.1	84.8%	80.4%	63.0%	52.2%
1999	42	21	50.0%	5.6	95.2%	88.1%	73.8%	57.1%
2000	33	10	30.3%	1.9	84.8%	78.8%	72.7%	69.7%
2001	51	24	47.1%	4.0	80.4%	78.4%	68.6%	60.8%
2002	30	12	40.0%	3.1	83.3%	76.7%	66.7%	63.3%
2003	42	19	45.2%	2.8	78.6%	71.4%	66.7%	54.8%
2004	32	12	37.5%	2.7	87.5%	78.1%	71.9%	--
2005	38	15	39.5%	2.6	81.6%	81.6%	71.1%	--
2006	33	13	39.4%	1.6	75.8%	72.7%	63.6%	--
2007	25	7	28.0%	1.5	88.0%	88.0%	72.0%	--
2008	35	10	28.6%	2.0	85.7%	82.9%	--	--
2009	17	7	41.2%	0.5	64.7%	58.8%	--	--
2010	31	4	12.9%	1.2	93.5%	90.3%	--	--
2011	34	4	11.8%	1.0	91.2%	91.2%	--	--
2012	26	5	19.2%	0.7	84.6%	--	--	--
TOTAL	1,010	603	59.7%	3.1	78.0%	67.8%	53.3%	44.0%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2013, as Reported by Name through 12/31/2014



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	6	0	0	0	
1985	0	1	1	0	1
1986	2	1	0	0	2
1987	1	0	0	0	2
1988	1	1	0	0	3
1989	2	0	0	1	2
1990	1	1	0	0	3
1991	2	4	0	0	7
1992	0	4	2	1	10
1993	2	1	2	0	11
1994	1	1	3	0	11
1995	0	0	0	2	9
1996	0	1	1	1	8
1997	0	1	0	0	9
1998	0	0	0	0	9
1999	0	1	0	0	10
2000	0	0	0	0	10
2001	1	0	0	0	10
2002	1	0	1	0	10
2003	0	1	0	0	11
2004	0	1	0	0	12
2005	0	0	0	0	12
2006	1	0	0	1	11
2007	1	1	0	0	12
2008	0	0	2	0	11
2009	0	1	0	0	12
2010	0	1	0	0	13
2011	0	0	0	0	13
2012	0	0	1	0	12
2013	0	0	0	0	12
TOTAL	22	22	13	6	

Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
Caroline	1	8.3%
Cecil	2	16.7%
Dorchester	3	25.0%
Kent	1	8.3%
Queen Anne's	0	0.0%
Somerset	1	8.3%
Talbot	2	16.7%
Washington	1	8.3%
Wicomico	1	8.3%
Worcester	12	100.0%
TOTAL	1	8.3%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	5	41.7%
Female	7	58.3%
TOTAL	12	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	1	8.3%
Non-Hispanic	11	91.7%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	4	36.4%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	7	63.6%
Multiracial/Other	0	0.0%
TOTAL	12	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2013.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year